

QUINNIPIAC RIVER BASIN

01196530 QUINNIPIAC RIVER AT NORTH HAVEN, CT

LOCATION.--Lat 41°23'24", long 72°52'19", New Haven County, Hydrologic Unit 01100004, at bridge on U.S. Highway 5, at North Haven, 2.3 mi downstream from Wharton Brook and 0.9 mi upstream from Watermans Brook.

DRAINAGE AREA.--128 mi².

PERIOD OF RECORD.--Water year 1974 to current year.

REMARKS.--Stream tidal affected.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ENTERO- COCCI ME,MF WATER TOTAL (COL / 100 ML) (31649)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT 23...	0845	382	7.5	8.5	11.0	3.3	7.8	70	800	96	110
DEC 07...	1045	383	7.5	19.5	11.0	2.3	8.6	79	2700	140	120
FEB 08...	1000	272	7.4	.0	3.5	5.3	12.1	92	6200	3800	74
APR 06...	0930	349	7.7	15.5	10.0	2.8	9.9	87	K1300	276	98
JUN 07...	0915	400	7.4	27.0	20.0	5.1	5.6	63	400	124	120
JUL 06...	0915	357	7.5	35.0	26.5	9.7	4.7	59	K800	280	110
AUG 18...	0915	480	7.6	28.0	24.0	15	5.5	66	280	140	130
SEP 15...	0930	397	7.4	23.0	21.0	6.4	6.3	71	460	296	110

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE WATER DIS IT MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
OCT 23...	33	6.2	30	3.6	0	99	81	21	40	.22
DEC 07...	36	6.7	30	3.2	0	105	86	21	43	.21
FEB 08...	23	4.3	20	1.8	0	71	58	14	34	<.10
APR 06...	30	5.6	22	2.1	0	88	72	16	36	.11
JUN 07...	36	6.6	30	3.5	0	103	84	21	43	.21
JUL 06...	34	6.3	29	3.9	0	92	75	21	43	.27
AUG 18...	41	7.7	39	5.6	0	101	83	29	55	.42
SEP 15...	32	6.0	33	4.0	0	89	73	31	43	.31

QUINNIPIAC RIVER BASIN

01196530 QUINNIPIAC RIVER AT NORTH HAVEN, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
OCT										
23...	13	234	237	.061	4.05	.237	3.4	3.7	3.4	7.7
DEC										
07...	12	234	236	.094	3.88	.334	3.3	3.6	3.7	7.5
FEB										
08...	11	164	175	.021	1.55	.397	1.1	1.5	1.2	3.0
APR										
06...	8.1	189	197	.043	2.24	.317	1.3	1.6	1.5	3.8
JUN										
07...	12	257	252	.132	4.16	.212	1.9	2.1	2.1	6.3
JUL										
06...	12	240	228	.078	3.14	.114	.86	.98	.77	4.1
AUG										
18...	13	282	310	.120	6.28	.162	3.6	3.8	2.7	10
SEP										
15...	11	247	250	.072	5.05	.133	4.8	4.9	4.5	9.9
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
OCT										
23...	.643	.610	.515	4.2	<1.0	101	<1.0	<1.0	<1.0	<1.0
DEC										
07...	.787	.640	.606	3.6	<1.0	104	<1.0	<1.0	<1.0	<1.0
FEB										
08...	.206	.166	.149	9.0	<1.0	71	<1.0	<1.0	<1.0	<1.0
APR										
06...	.241	.198	.164	8.1	<1.0	92	<1.0	<1.0	<1.0	<1.0
JUN										
07...	.711	.679	.588	6.2	<1.0	97	<1.0	<1.0	<1.0	<1.0
JUL										
06...	.803	.725	.683	7.6	<1.0	96	<1.0	<1.0	<1.0	<1.0
AUG										
18...	1.19	.268	.992	7.4	<1.0	101	<1.0	<1.0	<1.0	<1.0
SEP										
15...	.649	.598	.587	5.8	<1.0	109	<1.0	<1.0	<1.0	<1.0
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT										
23...	4.1	79	<1.0	107	4.9	3.2	<1.0	10	<1.0	7.4
DEC										
07...	3.8	92	<1.0	112	2.6	4.4	<1.0	11	<1.0	7.2
FEB										
08...	3.6	81	<1.0	70	1.6	2.6	<1.0	11	<1.0	3.9
APR										
06...	3.4	120	<1.0	91	2.0	2.5	<1.0	7.4	<1.0	5.0
JUN										
07...	4.1	55	<1.0	80	10	2.9	<1.0	8.4	<1.0	6.3
JUL										
06...	4.4	38	<1.0	104	6.0	4.1	<1.0	6.6	<1.0	6.2
AUG										
18...	6.0	27	<1.0	99	9.7	6.2	<1.0	12	<1.0	9.7
SEP										
15...	6.2	55	<1.0	107	9.1	5.8	<1.0	14	<1.0	9.2